

CLAIMS

1. The molding method for non-painting molded article of automotive outer panel (high quality appearance) is characterized by injection of the material in a metal mold (wherein, $T_b > T_c$), where the tool temperature (T_b) was adjusted 0°C to 100°C higher than heat deformation temperature of injection thermoplastic resin, while heating. After cooling, the tool temperature (T_c) was reduced by 0°C to 100°C less than heat deformation temperature of injection thermoplastic resin while extraction, during the injection molding of molten composition containing thermoplastic resin composition.
2. The molding method for non-painting molded article of automotive outer panel is characterized by injection of the material in a metal mold (wherein, $T_b > T_c$), and after the completion of extrusion of resin composition containing molten composition inside the metallic mold, the mold was maintained at high pressure while carrying out extrusion. During the compression flow of extruded molten composition, the tool temperature (T_b) was adjusted 0°C to 100°C higher than heat deformation temperature of injection thermoplastic resin, while heating. After cooling, the tool temperature (T_c) was reduced by 0°C to 100°C less than heat deformation temperature of injection thermoplastic resin during extraction.
3. The molding method for non-painting molded article of automotive outer panel mentioned in claim 1 or 2, wherein the above-mentioned thermoplastic resin is at least one kind selected from alicyclic polyester, polycarbonate/polybutylene terephthalate, polycarbonate/polyethylene terephthalate, polybutylene terephthalate, polyethylene terephthalate.
4. A non-painting molded article of automotive outer panel having high quality appearance is formed by the molding method mentioned in any of claims 1 to 3.
5. A non-painting molded articles of automotive outer panel mentioned in claim 4 are pillar, fender, door panel, and spoiler.